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Customer No. 22,852  
Attorney Docket No. 05788.0318

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 

In re Application of: )  
Marco ROMAGNOLI et al. )  
Application No.: Not Yet Assigned ) Group Art Unit:  
Filed: September 3, 2004 ) Examiner:  
For: DEVICE FOR CROSSING )  
OPTICAL BEAMS, IN )  
PARTICULAR IN AN )  
INTEGRATED OPTICAL )  
CIRCUIT )

**U.S. National Phase of International Publication No. PCT/EP02/02484**

**MAIL STOP PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449 and cited in the international search report. Copies of the listed foreign document and listed other documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: September 3, 2004

By: 

Ernest F. Chapman  
Reg. No. 25,961

Enclosures  
EFC/FPD/gah

## INFORMATION DISCLOSURE CITATION

Atty. Docket No. 05788.0318		Application No.	10/506 769
Applicant	Marco ROMAGNOLI et al.		
Filing Date	September 3, 2004	Group:	

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,198,860 B1	03/06/2001	Johnson et al.			
	6,317,554 B1	11/13/2001	Kosaka et al.			
	5,526,449	06/11/1996	Meade et al.			
	6,064,511	05/16/2000	Fortmann et al.			
	6,134,369	10/17/2000	Kurosawa			

## FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	0 764 861 A2	03/26/1997	Europe			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Johnson et al.; "ELIMINATION OF CROSS TALK IN WAVEGUIDE INTERSECTIONS"; Optical Society of America, Optics Letters, Vol. 23, No. 23, pages 1855-1857
	Joannopoulos; "THE ALMOST-MAGICAL WORLD OF PHOTONIC CRYSTALS"; Brazilian Journal of Physics, Vol. 26, No. 1, pages 58-67, (1996)
	Aretz et al.; "REDUCTION OF CROSSTALK AND LOSSES OF INTERSECTING WAVEGUIDE"; Electronics Letters, Vol. 25, No. 11, pages 730-731, (1989)
	Kosaka et al.; "SELF-COLLIMATING PHENOMENA IN PHOTONIC CRYSTALS"; Applied Physics Letters, Vol. 74, No. 9, pages 1212-1214, (1999)
	Romanov et al.; "PHOTONIC BAND-GAP EFFECTS UPON THE LIGHT EMISSION FROM A DYE-POLYMER-OPAL COMPOSITE"; Applied Physics Letters, Vol. 75, No. 8, pages 1057-1059, (1999)

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	05788.0318	Application No.	10/1586769
Applicant	Marco ROMAGNOLI et al.		
Filing Date	September 3, 2004	Group:	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Etchegoin et al.; "PHOTON FOCUSING, INTERNAL DIFFRACTION, AND SURFACE STATES IN PERIODIC DIELECTRIC STRUCTURES"; Physical Review, B Vol. 53, No. 19, pages 12674-12683, (1996)
	Johnson et al.; "GUIDED MODES IN PHOTONIC CRYSTAL SLABS"; Physical Review B, Vol. 60, No. 8, pages 5751-5758, (1999)
	Chow et al.; "THREE-DIMENSIONAL CONTROL OF LIGHT IN A TWO-DIMENSIONAL PHOTONIC CRYSTAL SLAB"; Nature, Vol. 407, No. 6807, pages 983-986, (2000)
	Kosaka et al.; "PHOTONIC-CRYSTAL SPOT-SIZE CONVERTER"; Applied Physics Letters, Vol. 76, No. 3, pages 268-270, (2000)

Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce